

AURO Hardwood Lye No. 402

Type of material / application

Ready to use lightly pigmented lye for pre-treatment and bright-keeping of new ground hardwood before treatment with AURO Wood soap No. 403* or AURO Wood soap No. 404*. Only for indoor use. Unsuitable for coniferous wood (softwood).

Composition

Water, alcohol, citric acid, citrate, methyl cellulose, orange oil, rosemary oil, titanium dioxide, xanthane, swelling clay, gum arabic. Natural products are not free of typical odours or emissions. Consider possible allergies. Our current full declaration is definitive.

Colour hue

White; drying whitish-transparent. Due to the acidic reaction of the product, colour changes of the treated timber surfaces take place and may differ even for the same kind of timber, therefore they must be determined by preliminary tests on the object.

Application procedure

Paint (paintbrush, area spreader) or roll (foam plastic roll). Use only acid resistant tools.

Drying time in normal climate

Can be further treated with AURO Wood soap No. 403* or No. 404* after about 4-16 hours depending on the air circulation rate, environmental humidity and temperature. Considerable drying delay is possible under high relative humidity, at low temperatures and when ventilation is poor or large amounts are applied.

Density	ca. 1,02 g/ml
Viscosity	14 seconds (DIN 4 mm) at 20 °C.
Thinner	Adjusted ready for use, can be thinned with water.
Consumption	Approx. 0,1 - 0,15 l/m ² depending strongly on the absorbency of the substrate. Determine exact consumption on object.
Cleaning instructions	Remove splashes immediately with water. Clean work utensils with water before they dry.
Storage	Store cool, frost-free and dry. Close partly empty containers again tightly. Will keep for about 2 years in unopened original containers.
Packing material	Polyethylene. Completely emptied containers can be returned to recycling material collection.
Disposal of product residues	Compost dried product residues or dispose of in domestic garbage. EAK-Code 200114, EAK-designation: acids
Safety class	Not applicable, but see under "Instructions and safety advice".

Instructions and safety advice

- Processing temperature at least 10 °C.
- This product is acidic, similar to vinegar or lemon juice.
- Keep out of reach of children.
- Avoid skin and eye contact.
- Wash with water after skin contact. After eye contact, rinse immediately with plenty of water and consult a doctor.

Technical recommendations for application

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1. SUBSTRATE

1.1 Suitable substrates

New non-yellowed or ground down to non-yellowed layers solid hardwood indoors.

- Unsuitable for coniferous wood sorts (softwood).
- Not for cross-grained surfaces (e.g. wooden pavement); danger of strong swelling.
- Avoid overhead application.

1.2 General substrate requirements

The substrate must be firm, dry, absorbent, clean, grease-free and free from breaking-through ingredients.

2. PAINT COATING BUILD-UP (FIRST PAINTING)

2.1 Substrate preparation

- Round the edges, clean the substrate and grind it finely (grain 120 or finer).
- Completely remove grinding dust (e.g. by suction cleaning).
- Wash-out ingredients-rich wood sorts with Plant alcohol thinner No. 219*.

2.2 Basic treatment

- Carefully cover-up the surroundings.
- Wear rubber gloves and goggles.
- Do not pour the product into light metal containers or coloured tins.
- Stir AURO Hardwood lye well and apply uniformly to saturation in the fibre direction using an acid-resistant tool. Do not pout out onto the substrate.
- Frequently stir the lye during processing.
- Disperse or remove any overhangs.
- Allow to dry thoroughly, thereby ensuring good air circulation.
- Walk on treated floors only after drying completely.

2.3. Subsequent treatment

- Intermediate grinding (grain 180-220) is recommended to obtain high quality surfaces. Wear a dust protection mask. Completely suck-off grinding dust.
- Treat with AURO Wood soap No. 403* or Wood soap white No. 404*, see corresponding technical data sheet.
- Use only AURO Wood soaps. Unsuitable soaps can produce discoloration.

3. PAINT COATING BUILD-UP FOR RENOVATION PAINTING

3.1 Substrate preparation

- Remove any old paint coatings. Grind extremely worn or damaged surfaces right down to the intact non-yellowed and absorbent wood.
- Thoroughly clean the surface and grind finely. Remove dust.

3.2 Basic treatment: Same as described under 2.2.

3.3 Final treatment: Same as described under 2.3.

The information contained in these technical data sheets is the result of long years of research and practical tests. This information is intended as advice but does not release the purchaser and user from the need to test the products himself with regard to their suitability for the intended application. Therefore this information does not imply any guarantee and does not entail any liability. Consultation of our technical advisory service does not constitute any advisor relationship. This technical data sheet loses its validity when a new edition is released..

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* See the corresponding technical data sheets.

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